

GAGANDEEP SINGH

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EXPERIENCE

Undergraduate Researcher

Data Science Lab, IIIT Delhi

📅 January 2019 – Ongoing 📍 New Delhi, India

- Working on finding frequent patterns in spacial domain.
- Working with Apache spark to implement co-location pattern mining.
- Comparing parallelised and sequential implementation of pattern mining.
- Version Control using Git

Software Engineering Intern

Camp-K12

📅 May 2018 – July 2018 📍 Gurgaon, India

- Worked in building an online video portal for interactive learning.
- Developing and maintaining frontend using React.js
- Working remotely on android development.
- Teaching students basics of programming in JAVA and Android
- Tracking issues and version control using Git.

PROJECTS

Spam Ham E-mail Classifier

IIIT Delhi

📅 May 2019 – July 2019 📍 New Delhi, India

- Predicting whether an e-mail is ham or spam using **scikit-learn** library in python.
- Preprocessing of text was done using **nlTK** library.
- Predictions were done using the naive-bayes classifier , 97% precision was achieved.
- The webapp was built in **flask** is deployed on heroku.

Chain Reaction

IIIT Delhi

📅 Sept 2017 – Nov 2017 📍 New Delhi, India

- Created desktop replication of the game Chain Reaction.
- Added functionalities like keyboard play, sounds etc.
- A computer opponent AI was also developed.
- The app was built with JAVA and JavaFx framework implementing OOP concepts.

Departmental Store

IIIT Delhi

📅 Aug 2018 – Nov 2018 📍 New Delhi, India

- Created an e-commerce website selling daily item using **Ruby on Rails**.
- Added user based features like allowing user to download PDF copy of the receipt.
- Wrote unit tests using rspec.
- Developed frontend of the entire app.
- Project was implemented using Agile methodologies.

SOFTSKILLS

Learning Potential Team Work
Punctuality Flexibility
Professionalism Responsibility
Work Under Pressure Discipline

PROFESSIONAL SKILLS

JAVA

Python

SQL

Javascript

Git



STRENGTHS

• Development

JAVA Python Ruby JavaScript
MySQL ReactJS Ruby on Rails Git
Scikit-learn Apache Spark HTML
CSS JQuery Ajax

• Development Tools – DB

SQL Oracle MySQL MongoDB

• Development Tools – IDE

Visual Studio VS Code IntelliJ
XCode

EDUCATION

B.Tech in Computer Science and Engineering

Indraprastha Institute of Information Technology

📅 August 2016 – May 2020

Senior Secondary(CBSE)

Adarsh Public School

📅 April 2015 – May 2016

Percentage: 96%

Secondary(CBSE)

Adarsh Public School

📅 April 2013 – May 2014

CGPA: 9.8/10